

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

This declaration is of the following type:

original
 divisional
 continuation
 continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"MONITORING DIMENSIONS OF FEATURES AT DIFFERENT LOCATIONS IN THE PROCESSING OF SUBSTRATES"

SPECIFICATION IDENTIFICATION

The specification of which:

is attached hereto

was filed on _____, under Serial No. _____, executed on even date herewith; or Express Mail No. _____ (as Serial No. not yet known) and was amended on _____ (if applicable)

was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____ (if any).

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR § 1.98.

PRIORITY CLAIM (35 U.S.C. § 119)

I hereby claim foreign priority benefits under Title 35, United States Code § 119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America or of any United States Provisional Application(s) listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.

Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 months (6 months for design) prior to this application, and any priority claims under 35 U.S.C. § 119:

<u>Country/PCT</u>	<u>Application No.</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 months (6 months for design) prior to this U.S. application:

Country:

Application No:

Filing date:

PRIORITY CLAIM (35 U.S.C. § 120)

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(None)				

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I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Raymond Kam-On Kwong	Registration No. 37,165
Robert W. Mulcahy	Registration No. 25,436
Loretta Peters	Registration No. 43,855
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Send correspondence to:

Applied Materials, Inc.
Patent Department, M/S 2061
P.O. Box 450A
Santa Clara, CA 95052

Direct telephone calls to:

Ashok K. Janah
(415) 538-1555

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of **first or sole** inventor: Barnes, Michael

Inventor's signature:  Date: 8/13/03
Residence: San Ramon, CA
Post Office Address: 12215 Santa Teresa Drive
San Ramon, CA 94583
U.S.A.

Country of Citizenship: U.S.A.

Full name of **second** inventor: Holland, John

Inventor's signature:  Date: 7/31/03
Residence: San Jose, CA
Post Office Address: 1565 Calaveras Avenue
San Jose, CA 95126
U.S.A.

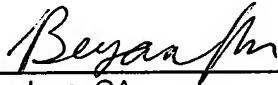
Country of Citizenship: U.S.A.

Full name of **third** inventor: Shan, Hongqing

Inventor's signature: _____ Date: _____
Residence: Cupertino, California
Post Office Address: 1369 South Stelling Road
Cupertino, California 95014
U.S.A.

Country of Citizenship: U.S.A.

Full name of **fourth** inventor: Pu, Bryan Y.

Inventor's signature:  Date: 7/30/03
Residence: San Jose, CA
Post Office Address: 3064 Rosato Court
San Jose, CA 95135
U.S.A.

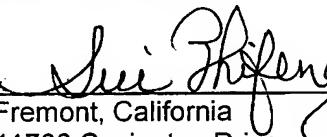
Country of Citizenship: China

Full name of fifth inventor: Jain, Mohit

Inventor's signature: _____ Date: _____
Residence: San Jose, CA
Post Office Address: 4754 San Tropico Court
San Jose, CA 95135
U.S.A.

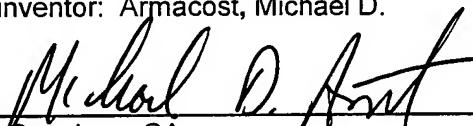
Country of Citizenship: India

Full name of sixth inventor: Sui, Zhifeng

Inventor's signature:  Date: 7/29/03
Residence: Fremont, California
Post Office Address: 41706 Covington Drive
Fremont, California 94539
U.S.A.

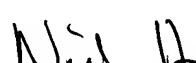
Country of Citizenship: U.S.A.

Full name of seventh inventor: Armacost, Michael D.

Inventor's signature:  Date: 8/14/03
Residence: San Jose, CA
Post Office Address: 6577 Springpath Lane
San Jose, CA 95120
U.S.A.

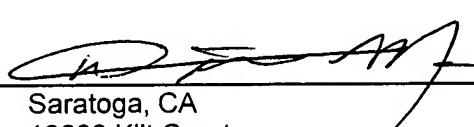
Country of Citizenship: U.S.A.

Full name of eighth inventor: Hanson, Neil E.

Inventor's signature:  Date: 7/29/03
Residence: Santa Clara, CA
Post Office Address: 1610 Nantucket Circle, #117
Santa Clara, CA 95014
U.S.A.

Country of Citizenship: United Kingdom

Full name of ninth inventor: Ma, Diana Xiaobing

Inventor's signature:  Date: 7/30/03
Residence: Saratoga, CA
Post Office Address: 19600 Kilt Court
Saratoga, CA 95070
U.S.A.

Country of Citizenship: U.S.A.

Full name of tenth inventor: Sinha, Ashok K.

Inventor's signature: Ashok K. Sinha Date: 8/7/03
Residence: Palo Alto, CA
Post Office Address: 4176 Hubbartt Drive
Palo Alto, CA 94306
U.S.A.

Country of Citizenship: U.S.A.

Full name of eleventh inventor: Maydan, Dan

Inventor's signature: Dan Maydan Date: 8/13/03
Residence: Los Altos Hills, CA
Post Office Address: 12000 Murietta Lane
Los Altos Hills, CA 94022
U.S.A.

Country of Citizenship: U.S.A.

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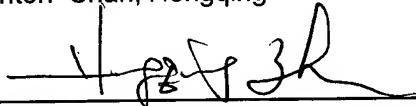
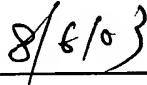
Country of Citizenship: U.S.A.

Full name of **second** inventor: Holland, John

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Residence: San Jose, CA
Post Office Address: 1565 Calaveras Avenue
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Country of Citizenship: U.S.A.

Full name of **third** inventor: Shan, Hongqing

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Residence: Cupertino, California
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Country of Citizenship: U.S.A.

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Residence: San Jose, CA
Post Office Address: 3064 Rosato Court
San Jose, CA 95135
U.S.A.

Country of Citizenship: China

Full name of **fifth** inventor: Jain, Mohit

Inventor's signature: _____ Date: _____

Residence: San Jose, CA
Post Office Address: 4754 San Tropico Court
San Jose, CA 95135
U.S.A.

Country of Citizenship: India

Full name of **sixth** inventor: Sui, Zhifeng

Inventor's signature: _____ Date: _____

Residence: Fremont, California
Post Office Address: 41706 Covington Drive
Fremont, California 94539
U.S.A.

Country of Citizenship: U.S.A.

Full name of **seventh** inventor: Armacost, Michael D.

Inventor's signature: _____ Date: _____

Residence: San Jose, CA
Post Office Address: 6577 Springpath Lane
San Jose, CA 95120
U.S.A.

Country of Citizenship: U.S.A.

Full name of **eighth** inventor: Hanson, Neil E.

Inventor's signature: _____ Date: _____

Residence: Santa Clara, CA
Post Office Address: 1610 Nantucket Circle, #117
Santa Clara, CA 95014
U.S.A.

Country of Citizenship: United Kingdom

Full name of **ninth** inventor: Ma, Diana Xiaobing

Inventor's signature: _____ Date: _____

Residence: Saratoga, CA
Post Office Address: 19600 Kilt Court
Saratoga, CA 95070
U.S.A.

Country of Citizenship: U.S.A.

Full name of tenth inventor: Sinha, Ashok K.

Inventor's signature: _____ Date: _____

Residence: Palo Alto, CA
Post Office Address: 4176 Hubbart Drive
Palo Alto, CA 94306
U.S.A.

Country of Citizenship: U.S.A.

Full name of eleventh inventor: Maydan, Dan

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Residence: San Ramon, CA
Post Office Address: 12215 Santa Teresa Drive
San Ramon, CA 94583
U.S.A.

Country of Citizenship: U.S.A.

Full name of **second** inventor: Holland, John

Inventor's signature: _____ Date: _____
Residence: San Jose, CA
Post Office Address: 1565 Calaveras Avenue
San Jose, CA 95126
U.S.A.

Country of Citizenship: U.S.A.

Full name of **third** inventor: Shan, Hongqing

Inventor's signature: _____ Date: _____
Residence: Cupertino, California
Post Office Address: 1369 South Stelling Road
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U.S.A.

Country of Citizenship: U.S.A.

Full name of **fourth** inventor: Pu, Bryan Y.

Inventor's signature: _____ Date: _____
Residence: San Jose, CA
Post Office Address: 3064 Rosato Court
San Jose, CA 95135
U.S.A.

Country of Citizenship: China

Full name of **fifth** inventor: Jain, Mohit

Inventor's signature:

Mohit Kumar Jain

Date:

08/01/03

Residence:

San Jose, CA

Post Office Address:

4754 San Tropico Court
San Jose, CA 95135
U.S.A.

Country of Citizenship: India

Full name of **sixth** inventor: Sui, Zhifeng

Inventor's signature:

Date:

Residence:

Fremont, California

Post Office Address:

41706 Covington Drive
Fremont, California 94539
U.S.A.

Country of Citizenship: U.S.A.

Full name of **seventh** inventor: Armacost, Michael D.

Inventor's signature:

Date:

Residence:

San Jose, CA

Post Office Address:

6577 Springpath Lane
San Jose, CA 95120
U.S.A.

Country of Citizenship: U.S.A.

Full name of **eighth** inventor: Hanson, Neil E.

Inventor's signature:

Date:

Residence:

Santa Clara, CA

Post Office Address:

1610 Nantucket Circle, #117
Santa Clara, CA 95014
U.S.A.

Country of Citizenship: United Kingdom

Full name of **ninth** inventor: Ma, Diana Xiaobing

Inventor's signature:

Date:

Residence:

Saratoga, CA

Post Office Address:

19600 Kilt Court
Saratoga, CA 95070
U.S.A.

Country of Citizenship: U.S.A.

Full name of **tenth** inventor: Sinha, Ashok K.

Inventor's signature: _____ Date: _____

Residence: Palo Alto, CA
Post Office Address: 4176 Hubbart Drive
Palo Alto, CA 94306
U.S.A.

Country of Citizenship: U.S.A.

Full name of **eleventh** inventor: Maydan, Dan

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